

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-018019**Date Inspected:** 03-Nov-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	An Qing Xing		
Inspected CWI report:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A

CWI Present:	Yes	No
Rod Oven in Use:	Yes	No N/A
Weld Procedures Followed:	Yes	No N/A
Verified Joint Fit-up:	Yes	No N/A
Approved WPS:	Yes	No N/A
Delayed / Cancelled:	Yes	No N/A
Component:	OBG COMPONENT	

Bridge No: 34-0006**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Subhasis Bera was present during the times noted above for observations relative to the work being performed.

In process Inspection

Outside Yard

This QA Inspector observed the following work in progress:

SMAW in the 4G position for the OBG segment 11BE, weld No.SEG068A-044.The welder is identified as #044515. ZPMC QC is identified as Mr. Liu Hua Jie. The welding variables recorded by QC appear to comply with WPS-B-P-2214-B-U2-FCM-1.

SMAW in the 4G position for the OBG segment 11CE, weld No.SEG070A-013.The welder is identified as #500363. ZPMC QC is identified as Mr. Liu Hua Jie. The welding variables recorded by QC appear to comply with WPS-B-P-2214-B-U2-FCM-1.

SMAW in the 4G position for the OBG segment 11BE, weld No.SEG068A-045.The welder is identified as #500363. ZPMC QC is identified as Mr. Liu Hua Jie. The welding variables recorded by QC appear to comply with WPS-B-P-2214-B-U2-FCM-1.

Magnetic Particle Testing (MPT) for Service Platform at Bay#9

This Quality Assurance (QA) Inspector performed Visual inspection and verification of Magnetic Particle Testing

WELDING INSPECTION REPORT

(Continued Page 2 of 3)

(MT) 15% for OBG service platform weld. This QA inspector generated a (MT) report for this date .This area was previously tested and accepted by ZPMC QC MT technicians.

The Weld Designations are as follows

SP4-B-1-001,003,045,046,061,062

Ultrasonic Testing (UT) for Steel Barrier at Bay#7

This QA Inspector performed Ultrasonic testing (UT) 10% of the area previously tested and accepted by ZPMC Quality control personnel. This QA inspector generated a (UT) report for this date. The members are identified as OBG steel barrier weld joints.

The welds designation reviewed are as follows:

W2-SB9-028-081

W2-SB9-030-081

W2-SB9-036-050

W2-SB9-031-050

W2-SB9-027-081

W2-SB9-035-050

W2-SB9-034-019

W2-SB10-016-019

W2-SB11-001-050

W2-SB12-001-019

Green Tagging for service platform component at bay#9

This QA inspector performed Visual Inspection for Green Tagging which were previously tested and accepted by ZPMC Quality Control personnel and ABF QA personnel. The members are identified as service platform component SP7 and SP8.

Service platform No. Green Tag No.

SP7 15059

SP8 15060

Green Tagging for Steel barrier at bay#7

This QA inspector performed Visual Inspection for Green Tagging which were previously tested and accepted by ZPMC Quality Control personnel and ABF QA personnel. The members are identified as steel barrier.

Steel barrier No. Green Tag No.

W2-SB9-027,028,030,031,034,035,036 15070(For All)

WELDING INSPECTION REPORT

(Continued Page 3 of 3)

W2-SB10-016

W2-SB11-001

W2-SB12-001

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



Summary of Conversations:

No relevant conversations

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang 150-0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Bera,Subhasis	Quality Assurance Inspector
Reviewed By:	McClendon,Timothy	QA Reviewer
